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<b>Catalog Number:</b>	MO47028	<b>Host:</b>	Mouse
<b>Product Type:</b>	Mouse Monoclonal IgG	<b>Species Reactivity:</b>	Human
<b>Immunogen Sequence:</b>	Recombinant Human p53	<b>Format:</b>	Liquid with PBS buffer, pH 7.4 with 0.02% Sodium Azide

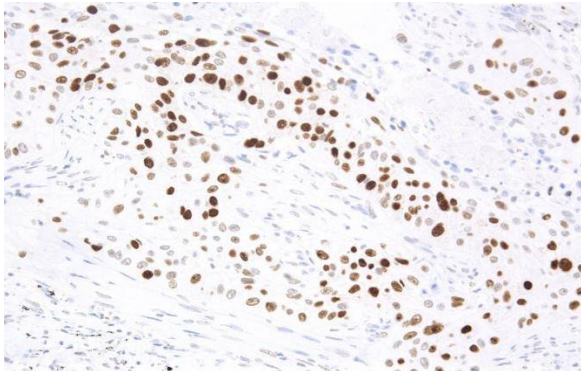
**Applications:**  
Immunohistochemistry: 1:1,000-3,000  
Western Blot: 1:500-1,000

Dilutions listed as a recommendation. Optimal dilution should be determined by investigator.

**Storage:** The product can be stored undiluted for several weeks at 4°C. Dilute only immediately before use. Aliquot and store at -20°C long term. Avoid freeze thaw-cycles.

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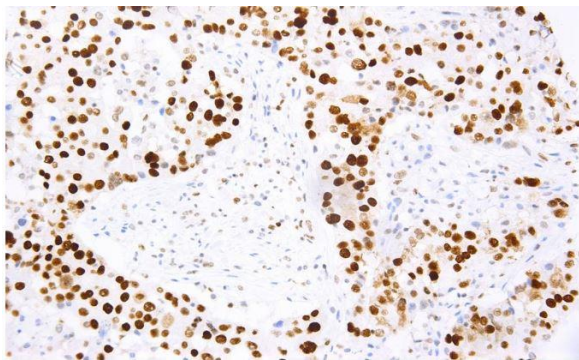
### Application Notes



**Description/Data:**

Anti-p53 Antibody is in ready-to-use format. Tumor protein 53 or p53 acts as a tumor suppressor and transcription factor involved in various activities such as DNA repair, cell-cycle arrest and apoptosis as a response to DNA damage and other stress factors. Malignant tumors involving tissues such as breast, ovary, bladder, colon, lung and melanoma have been found to be associated with mutations in p53. Anti-p53 staining has been found to be useful in differentiating uterine serous carcinoma and endometrioid carcinoma.

*Images: **Top:** Immunohistochemistry staining of MO47028 on human lung tissue. **Bottom:** Immunohistochemistry staining of MO47028 on human pancreas tissue.*



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